

THERMAL TREATMENT SYSTEMS WITH ENHANCED TISSUE PENETRATION DEPTH
USING ADJUSTABLE TREATMENT PRESSURES AND RELATED METHODS

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ABSTRACT

Methods, systems and computer program products include pressure monitoring and pressure adjustment devices in closed loop systems which control and adjust the pressure in a closed loop system configured to circulate heated liquid to a treatment balloon and concurrently heats and exerts pressures onto targeted tissue. The systems and methods can adjust the pressure to account for the physiology of the subject and the operational losses due to material relaxation over the duration of the thermal treatment.

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